

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112959.D
 Acq On : 11 Mar 2019 17:20
 Operator : JU/SJ
 Sample : K1785-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2019-03-05-DUP-SD

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.339	548	553	556	rBV	3685556	3635691	87.68%	5.130%
2	6.369	723	728	734	rBV	3784546	3930678	94.79%	5.546%
3	6.498	745	750	753	rBV	4241004	3947774	95.20%	5.570%
4	6.728	786	789	793	rBV	1144876	919502	22.17%	1.297%
5	6.886	812	816	819	rBV	3434805	2885597	69.59%	4.072%
6	7.286	880	884	898	rBV	2362546	2570906	62.00%	3.628%
7	8.010	1003	1007	1014	rBV	1197910	1150808	27.75%	1.624%
8	8.063	1014	1016	1031	rVB2	30021	78098	1.88%	0.110%
9	9.086	1186	1190	1201	rBV	4004889	3638283	87.74%	5.134%
10	9.480	1253	1257	1263	rVB	297803	296228	7.14%	0.418%
11	9.622	1278	1281	1286	rVB	73244	71025	1.71%	0.100%
12	9.763	1301	1305	1309	rBV	1554767	1483840	35.78%	2.094%
13	9.792	1309	1310	1320	rVB	71496	51798	1.25%	0.073%
14	10.304	1395	1397	1404	rVB	66389	67296	1.62%	0.095%
15	10.545	1434	1438	1451	rBV	3361273	3335754	80.44%	4.707%
16	10.674	1455	1460	1464	rVB4	46073	60243	1.45%	0.085%
17	10.851	1484	1490	1493	rBV3	47098	72489	1.75%	0.102%
18	10.927	1498	1503	1507	rVB5	45765	74817	1.80%	0.106%
19	11.045	1520	1523	1528	rVB2	48591	56848	1.37%	0.080%
20	11.092	1528	1531	1534	rBV2	46228	61906	1.49%	0.087%
21	11.133	1534	1538	1540	rVV3	46510	56905	1.37%	0.080%
22	11.239	1552	1556	1558	rBV	2006691	1801776	43.45%	2.542%
23	11.263	1558	1560	1564	rVV	1174950	945304	22.80%	1.334%
24	11.310	1565	1568	1572	rVV	346883	313467	7.56%	0.442%
25	11.351	1572	1575	1579	rVB2	45642	51277	1.24%	0.072%
26	11.468	1590	1595	1597	rBV2	59859	63201	1.52%	0.089%
27	11.533	1603	1606	1609	rBV2	53821	60531	1.46%	0.085%
28	11.568	1609	1612	1617	rVB3	53922	58940	1.42%	0.083%
29	11.704	1630	1635	1638	rBV4	35328	64639	1.56%	0.091%
30	11.739	1638	1641	1643	rVV	339396	314015	7.57%	0.443%
31	11.780	1643	1648	1652	rVV2	1281097	1607316	38.76%	2.268%
32	11.810	1652	1653	1656	rVV	217155	204398	4.93%	0.288%
33	11.851	1656	1660	1662	rVV	505913	584859	14.10%	0.825%
34	11.868	1662	1663	1668	rVB	204970	168244	4.06%	0.237%

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35	12.033	1688	1691	1693	rBV	208804	197984	4.77%	0.279%
36	12.051	1693	1694	1698	rVB2	145756	117724	2.84%	0.166%
37	12.163	1710	1713	1715	rBV	183458	165467	3.99%	0.233%
38	12.215	1719	1722	1723	rBV	72596	64924	1.57%	0.092%
39	12.233	1723	1725	1728	rVB	71303	59520	1.44%	0.084%
40	12.286	1730	1734	1737	rBV	200902	210468	5.08%	0.297%
41	12.321	1737	1740	1742	rBV2	127062	134856	3.25%	0.190%
42	12.368	1745	1748	1754	rVB3	180992	206599	4.98%	0.292%
43	12.445	1757	1761	1765	rBV	3115827	3046879	73.48%	4.299%
44	12.492	1765	1769	1774	rVB4	81431	133519	3.22%	0.188%
45	12.557	1778	1780	1784	rBV2	441657	505466	12.19%	0.713%
46	12.674	1794	1800	1803	rBV2	2837364	3247368	78.31%	4.582%
47	12.721	1805	1808	1814	rVB2	167471	217736	5.25%	0.307%
48	12.792	1816	1820	1821	rBV	245589	209011	5.04%	0.295%
49	12.821	1821	1825	1828	rVV	4438386	4146748	100.00%	5.851%
50	12.892	1831	1837	1840	rBV2	260389	431072	10.40%	0.608%
51	12.974	1848	1851	1853	rBV2	212977	246251	5.94%	0.347%
52	12.998	1853	1855	1858	rVB	694890	576944	13.91%	0.814%
53	13.039	1858	1862	1863	rBV2	64664	68547	1.65%	0.097%
54	13.062	1863	1866	1869	rVV	511607	437873	10.56%	0.618%
55	13.104	1869	1873	1875	rVV	398659	412374	9.94%	0.582%
56	13.127	1875	1877	1880	rVB	100228	101651	2.45%	0.143%
57	13.157	1880	1882	1885	rBV	88690	83895	2.02%	0.118%
58	13.192	1885	1888	1891	rVB	191667	154846	3.73%	0.218%
59	13.221	1891	1893	1897	rBV	198496	202074	4.87%	0.285%
60	13.298	1903	1906	1916	rVB5	74692	127160	3.07%	0.179%
61	13.374	1916	1919	1921	rBV3	71678	95076	2.29%	0.134%
62	13.498	1933	1940	1945	rBV2	210697	384151	9.26%	0.542%
63	13.610	1955	1959	1962	rBV2	266091	347237	8.37%	0.490%
64	13.639	1962	1964	1966	rVV	298379	273203	6.59%	0.385%
65	13.662	1966	1968	1972	rVV2	239816	304236	7.34%	0.429%
66	13.721	1972	1978	1985	rVB3	684098	1036452	24.99%	1.462%
67	13.862	1994	2002	2005	rBV2	2433911	3859274	93.07%	5.445%
68	13.886	2005	2006	2012	rVB	1380541	1222060	29.47%	1.724%
69	13.968	2017	2020	2022	rVV	286667	265120	6.39%	0.374%
70	14.004	2023	2026	2030	rVV2	152942	217582	5.25%	0.307%
71	14.045	2030	2033	2036	rVV3	282174	303849	7.33%	0.429%

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72	14.080	2036	2039	2043	rVV2	139126	223079	5.38%	0.315%
73	14.121	2043	2046	2048	rVB3	76651	74728	1.80%	0.105%
74	14.209	2059	2061	2063	rBV	98032	92358	2.23%	0.130%
75	14.245	2063	2067	2070	rVV	358114	397719	9.59%	0.561%
76	14.280	2070	2073	2077	rVB2	191939	190362	4.59%	0.269%
77	14.345	2080	2084	2086	rVV3	413397	475870	11.48%	0.671%
78	14.368	2086	2088	2090	rVV2	188129	188613	4.55%	0.266%
79	14.392	2090	2092	2095	rVB2	222555	189225	4.56%	0.267%
80	14.427	2095	2098	2099	rBV	58097	53118	1.28%	0.075%
81	14.492	2107	2109	2112	rBV2	43937	53049	1.28%	0.075%
82	14.545	2115	2118	2121	rBV4	101022	127660	3.08%	0.180%
83	14.639	2129	2134	2141	rBV2	363326	501790	12.10%	0.708%
84	14.709	2143	2146	2155	rVB4	112409	248142	5.98%	0.350%
85	14.780	2155	2158	2162	rBV3	81174	104486	2.52%	0.147%
86	14.874	2169	2174	2176	rBV	1140987	1665162	40.16%	2.350%
87	14.962	2183	2189	2197	rBV3	428760	713198	17.20%	1.006%
88	15.056	2202	2205	2206	rBV2	63198	68669	1.66%	0.097%
89	15.109	2211	2214	2216	rVV2	66730	75898	1.83%	0.107%
90	15.151	2217	2221	2227	rVB	633159	827964	19.97%	1.168%
91	15.209	2227	2231	2236	rBV	1086443	1213395	29.26%	1.712%
92	15.268	2236	2241	2244	rBV	1192933	1436530	34.64%	2.027%
93	15.309	2244	2248	2253	rVB3	358486	690220	16.64%	0.974%
94	15.715	2313	2317	2322	rBV	286100	404108	9.75%	0.570%
95	15.768	2322	2326	2327	rBV2	101152	134139	3.23%	0.189%
96	16.186	2392	2397	2400	rBV	146316	246489	5.94%	0.348%
97	16.451	2439	2442	2445	rBV	47065	74454	1.80%	0.105%
98	16.621	2466	2471	2480	rVB2	463683	820180	19.78%	1.157%
99	16.798	2495	2501	2505	rBV2	165808	382147	9.22%	0.539%
100	17.027	2534	2540	2555	rVB	317414	700170	16.88%	0.988%

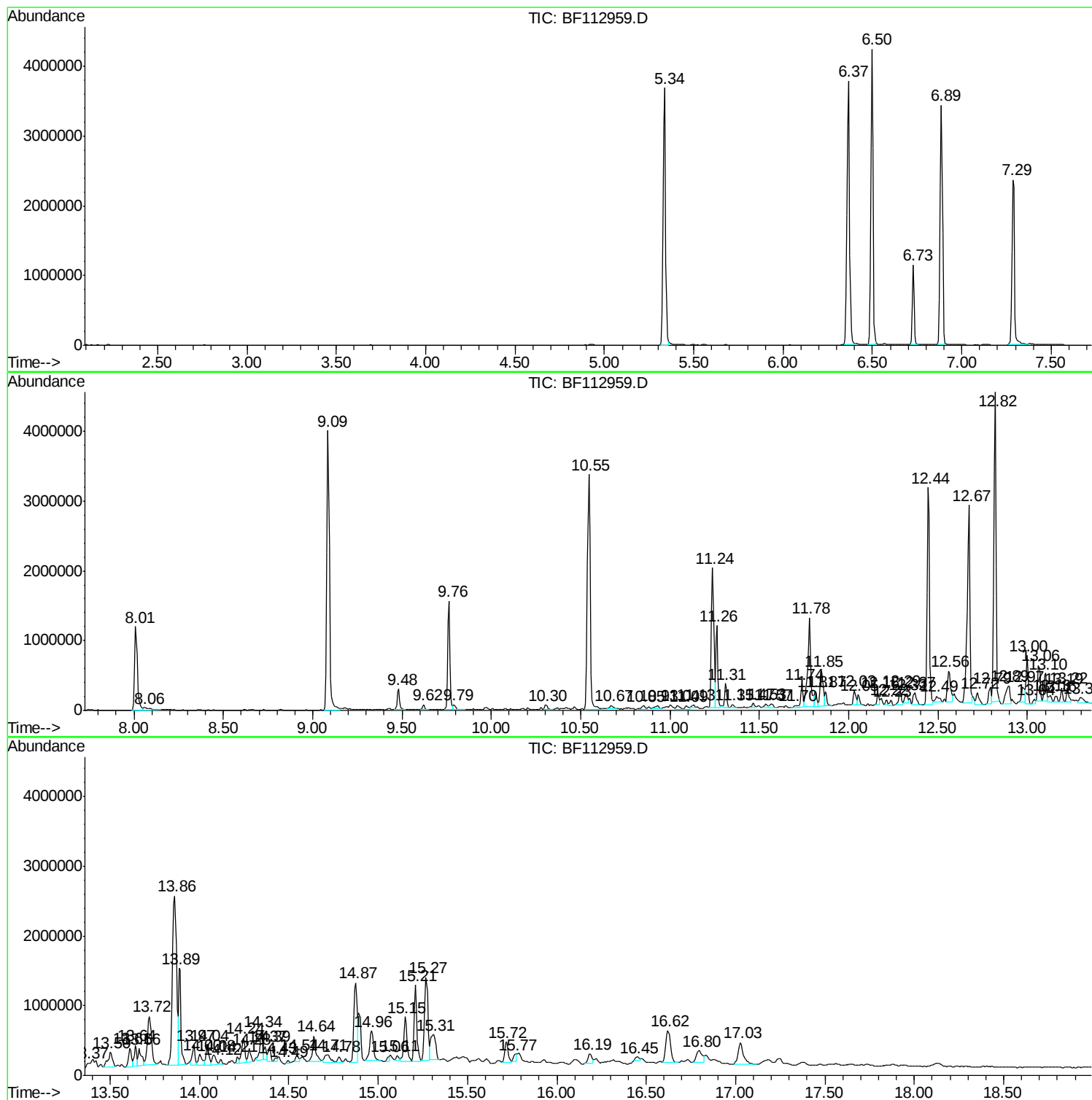
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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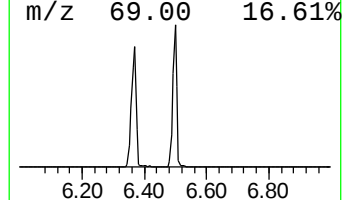
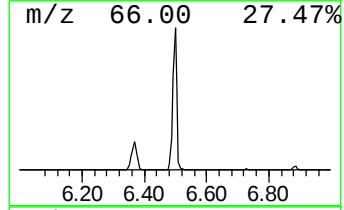
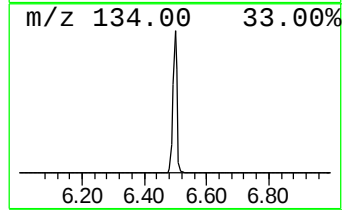
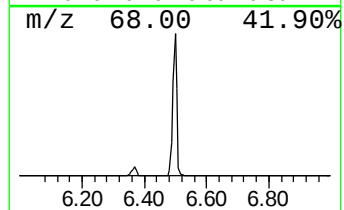
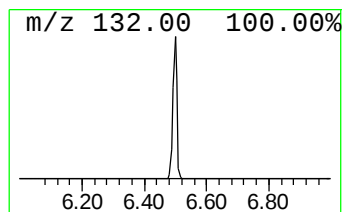
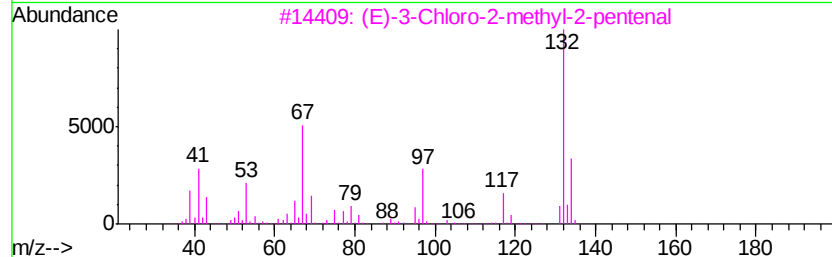
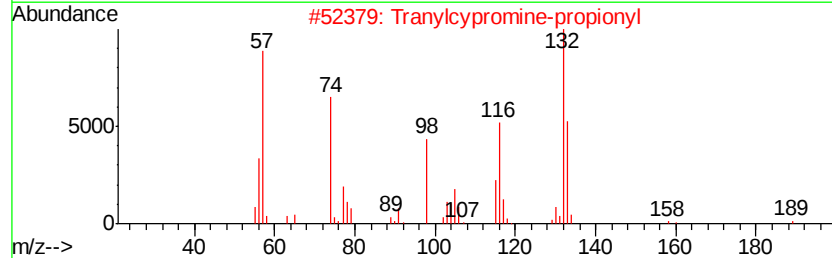
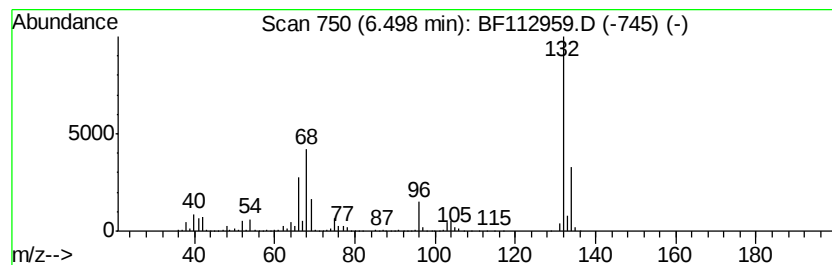
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	85.87 ng	3947770	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4			5-Aminoindole	132	C8H8N2	005192-03-0	12
5			Xenon	132	Xe	007440-63-3	9



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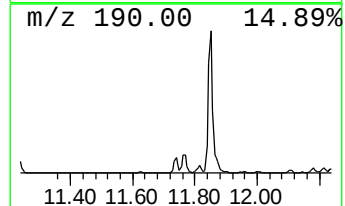
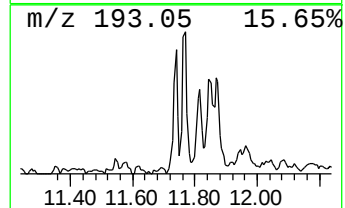
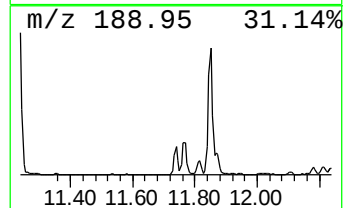
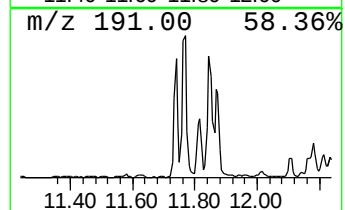
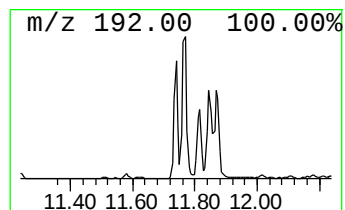
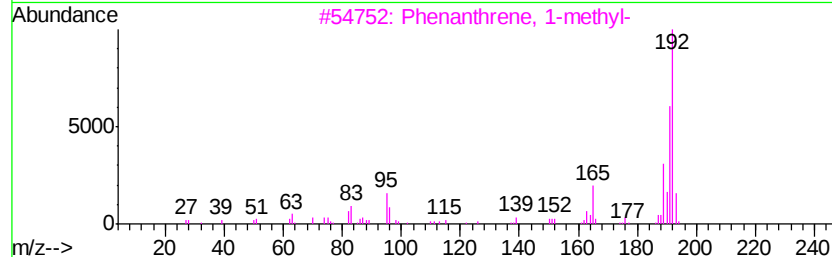
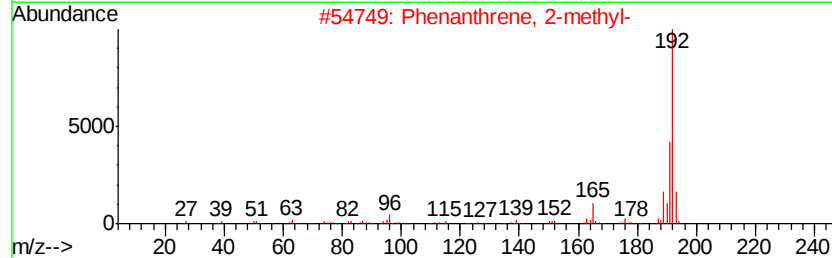
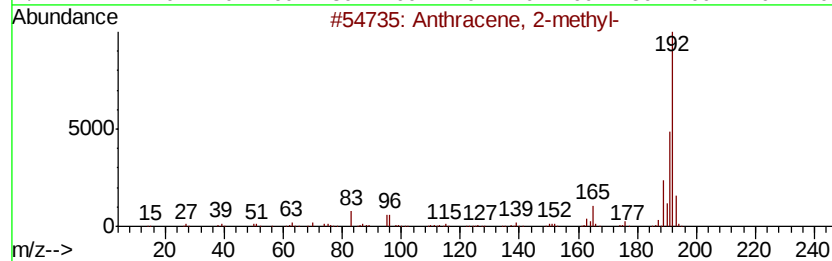
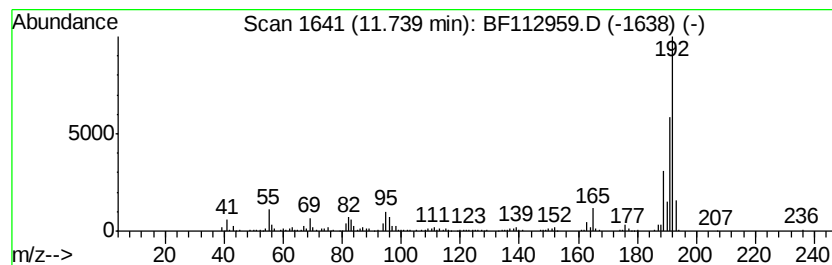
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.74	3.49 ng	314015	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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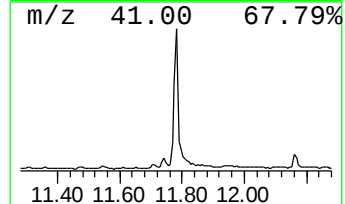
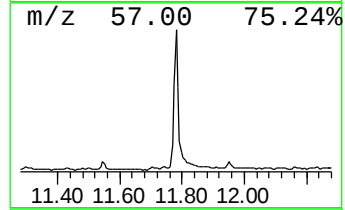
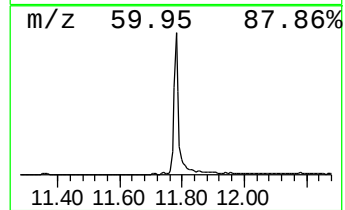
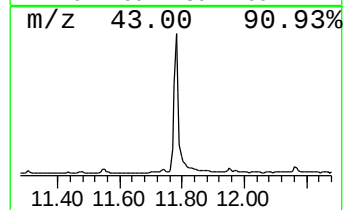
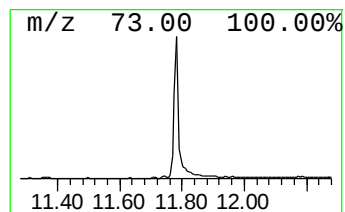
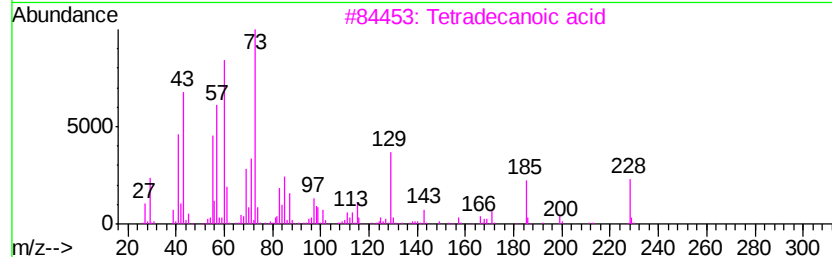
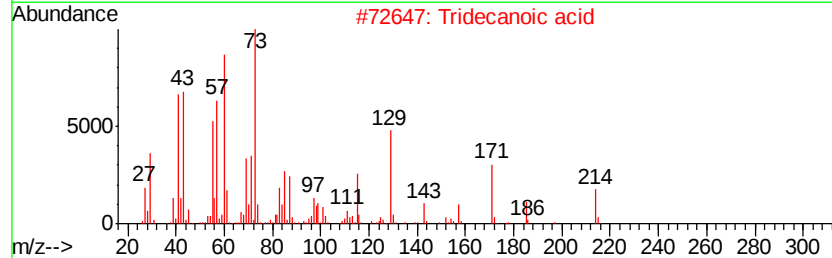
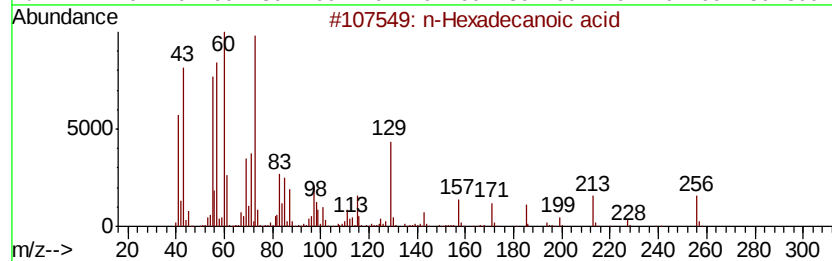
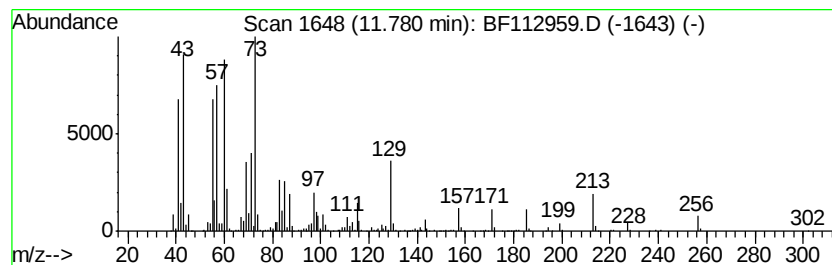
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.78	17.84 ng	1607320	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112959.D
Acq On : 11 Mar 2019 17:20
Operator : JU/SJ
Sample : K1785-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2019-03-05-DUP-SD

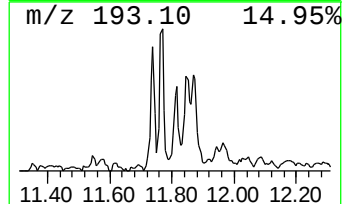
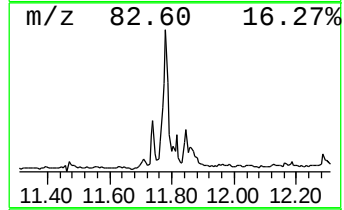
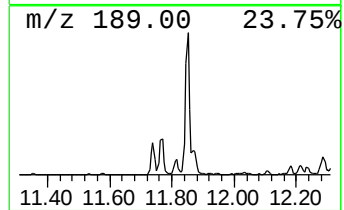
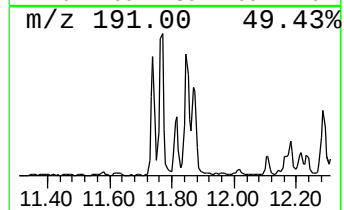
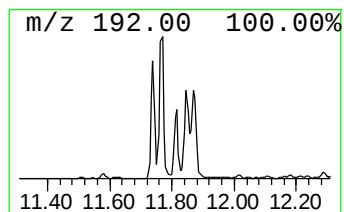
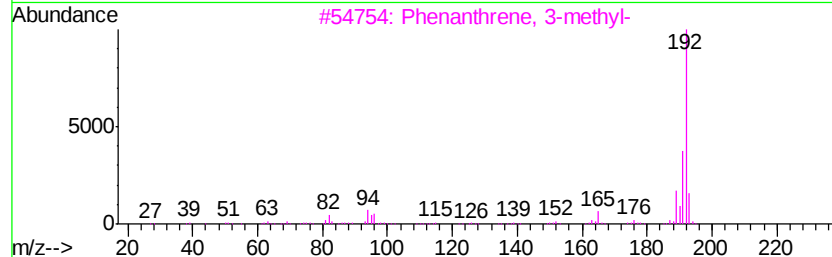
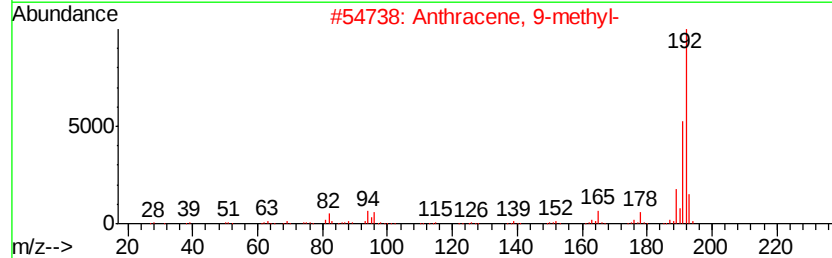
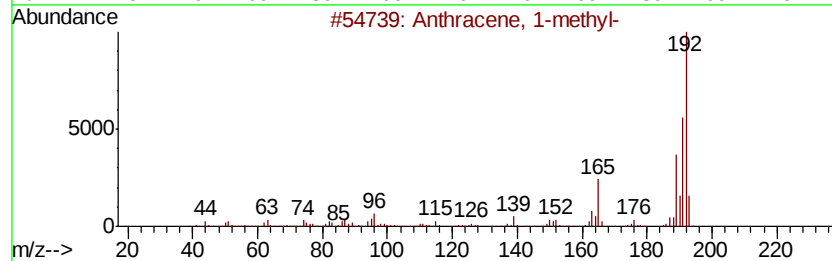
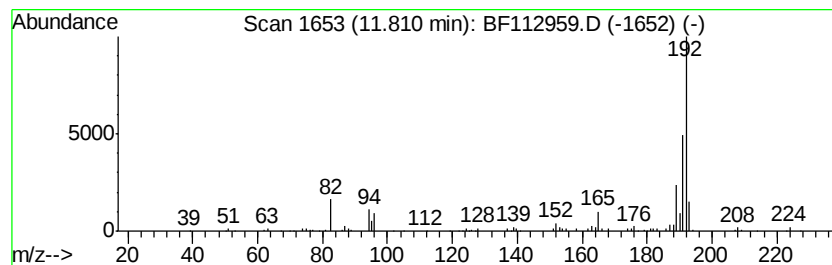
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	2.27 ng	204398	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	90
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112959.D
Acq On : 11 Mar 2019 17:20
Operator : JU/SJ
Sample : K1785-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

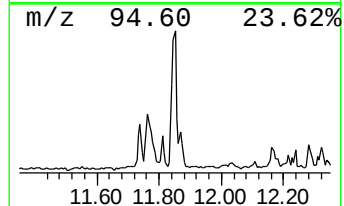
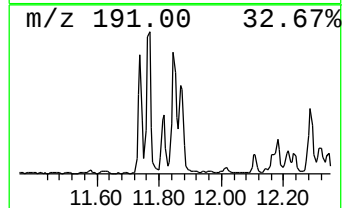
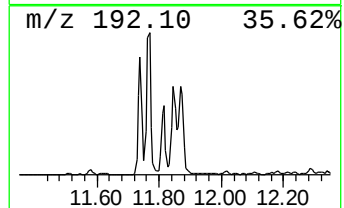
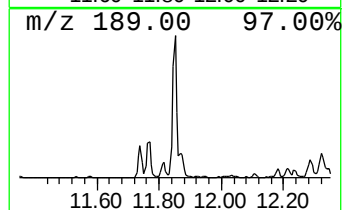
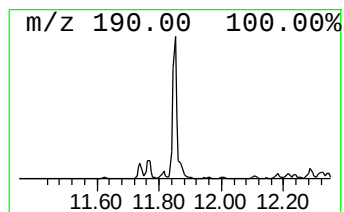
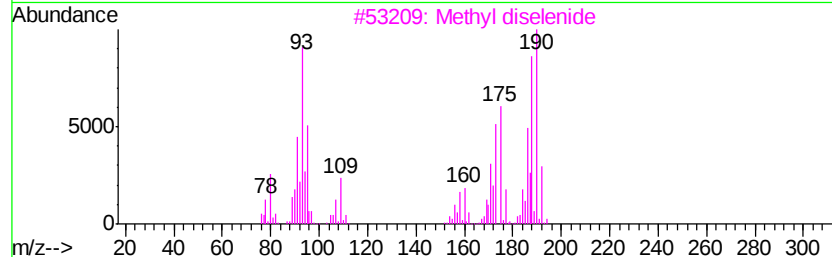
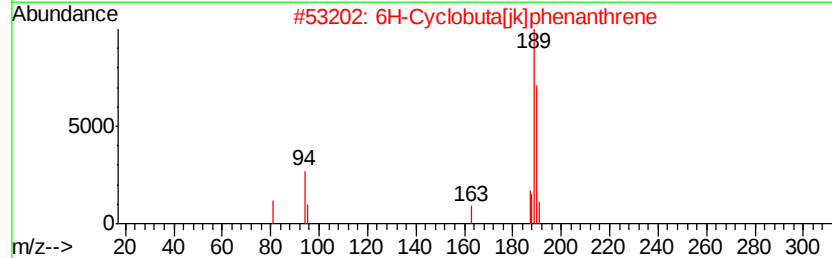
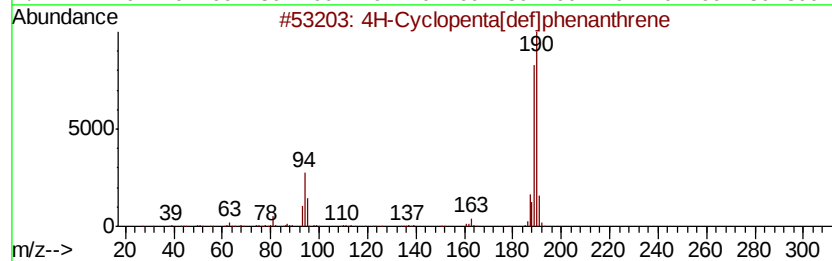
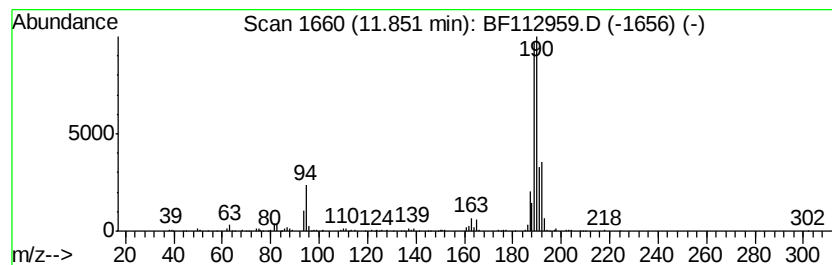
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	6.49 ng	584859	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112959.D
Acq On : 11 Mar 2019 17:20
Operator : JU/SJ
Sample : K1785-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

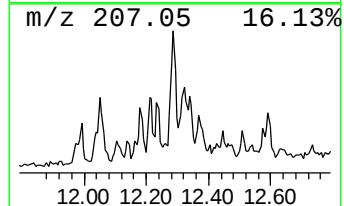
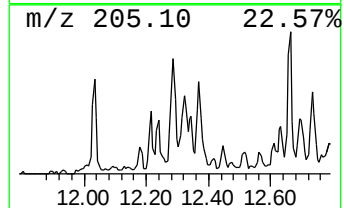
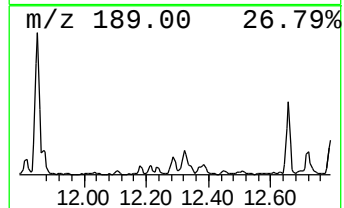
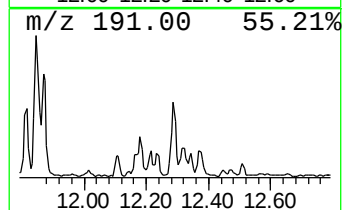
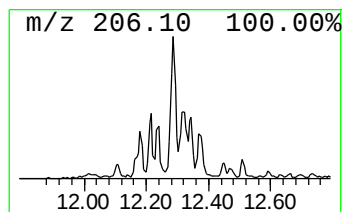
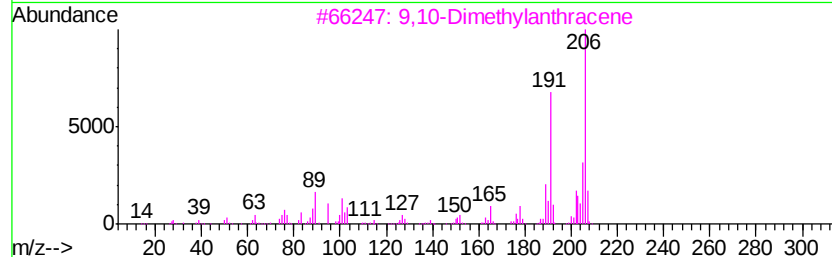
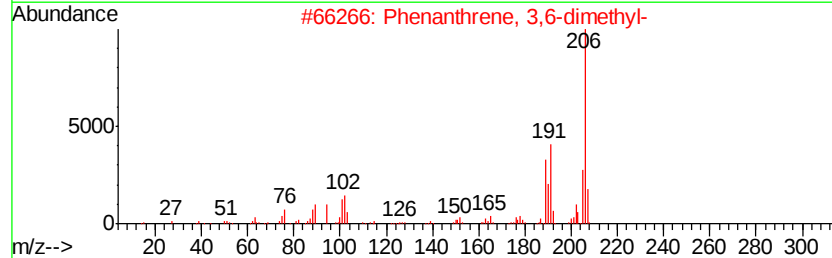
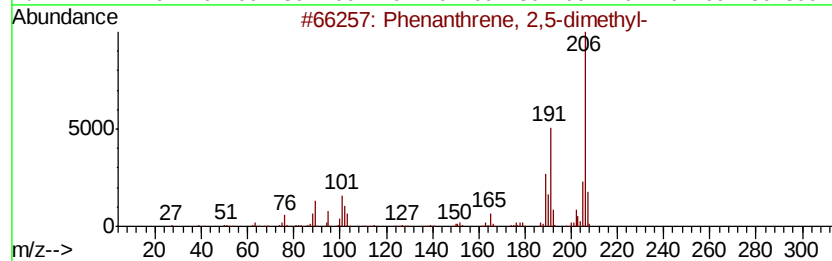
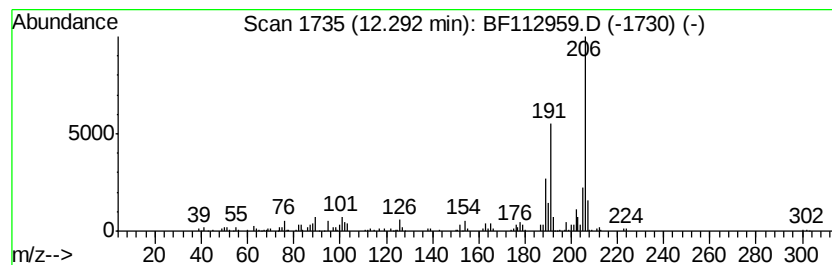
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.29	2.34 ng	210468	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112959.D
Acq On : 11 Mar 2019 17:20
Operator : JU/SJ
Sample : K1785-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
2019-03-05-DUP-SD

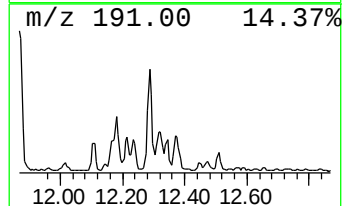
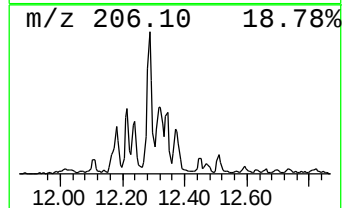
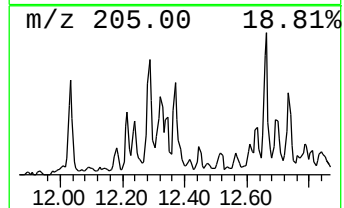
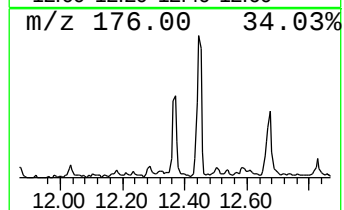
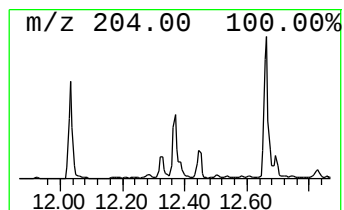
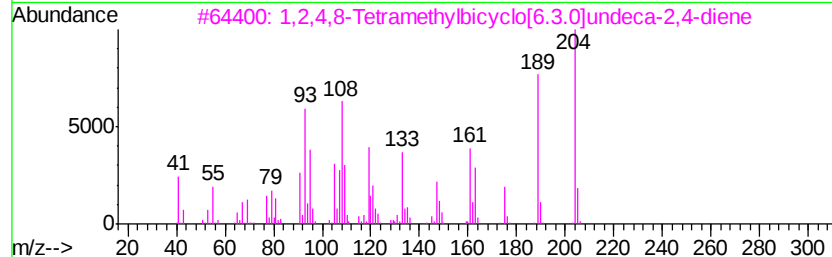
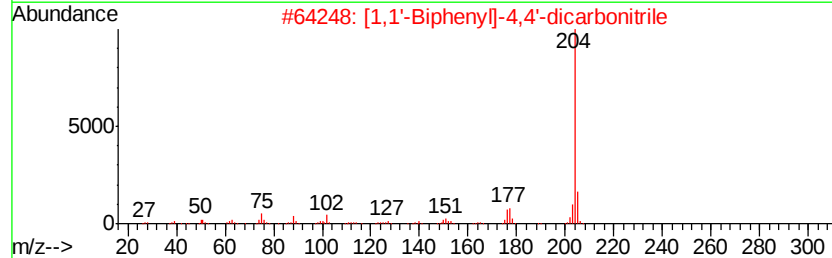
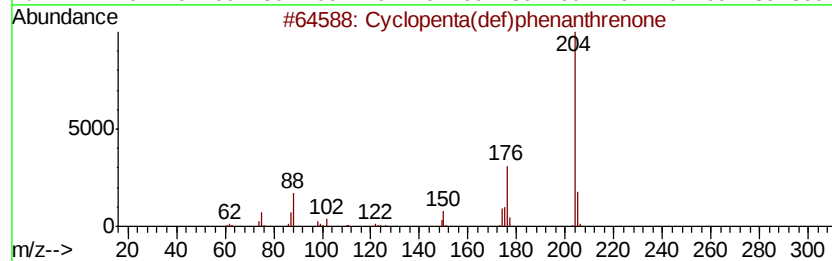
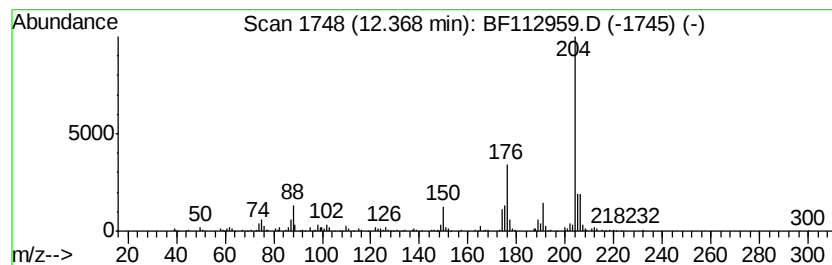
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.29 ng	206599	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	49
4		6-Cyanophenanthridine	204	C14H8N2	002176-28-5	47
5		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112959.D
Acq On : 11 Mar 2019 17:20
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Sample : K1785-03
Misc :
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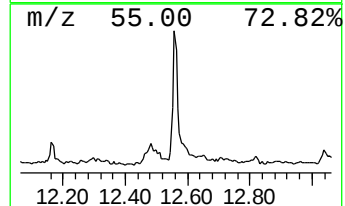
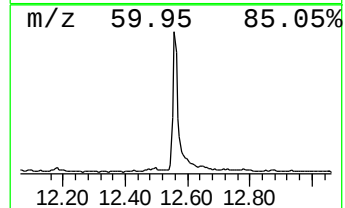
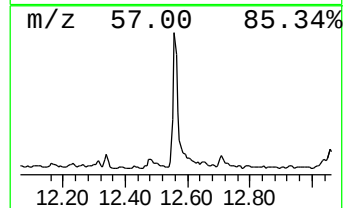
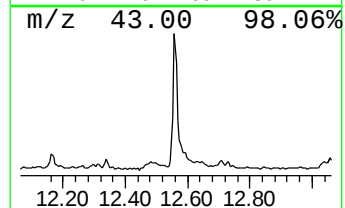
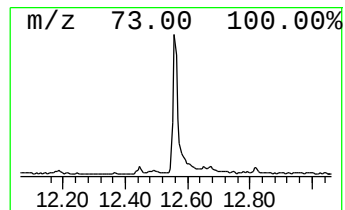
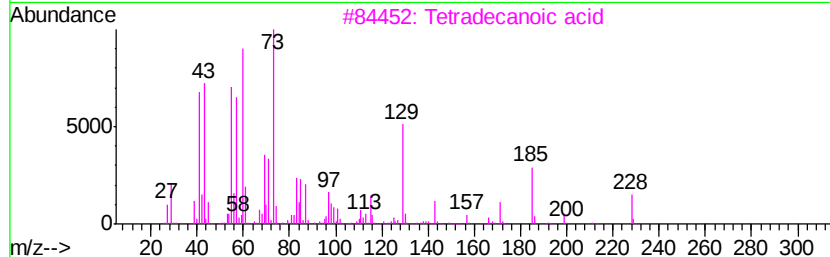
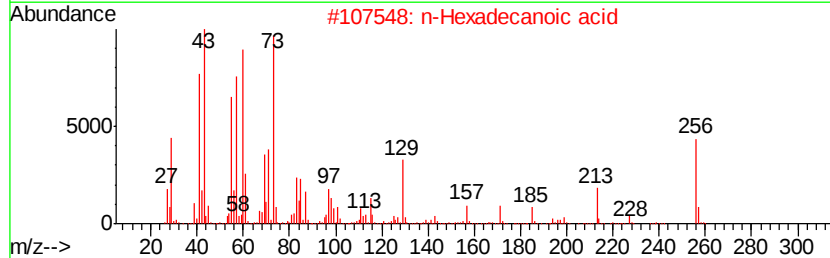
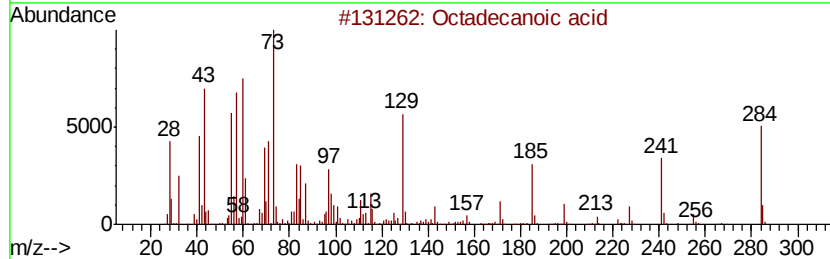
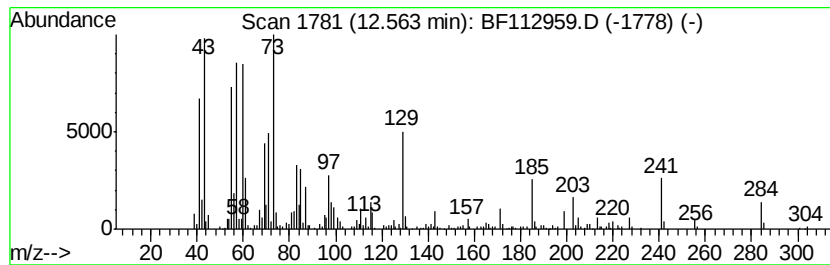
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.56	2.62 ng	505466	Chrysene-d12	13.86		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112959.D
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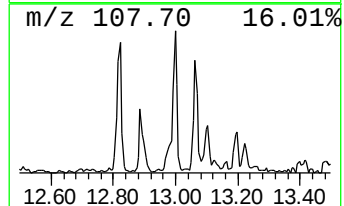
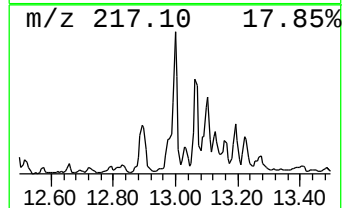
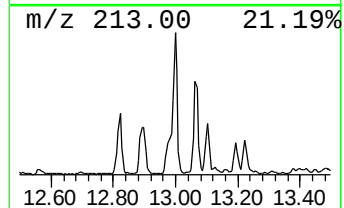
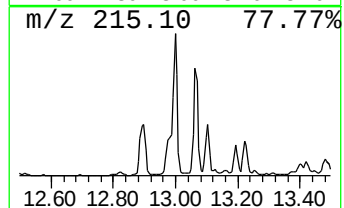
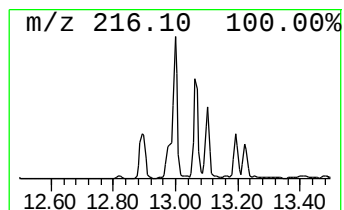
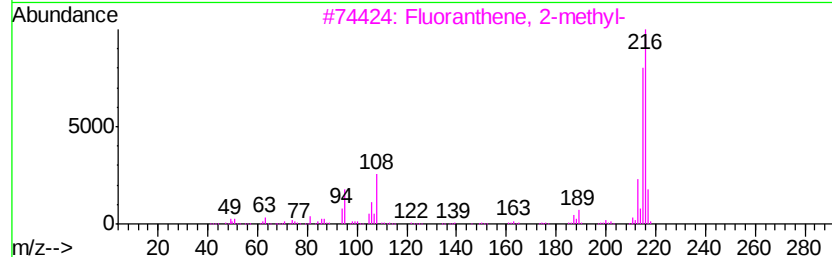
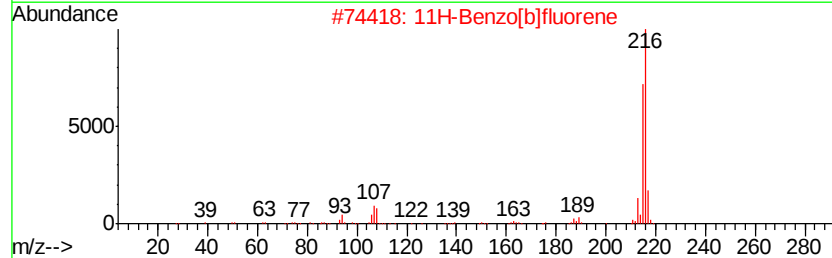
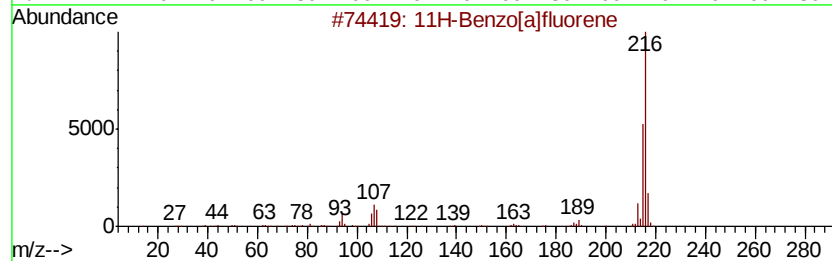
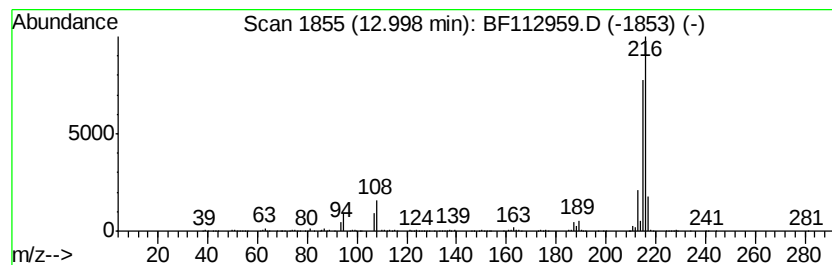
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.99 ng	576944	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	97
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	80
5		6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112959.D
Acq On : 11 Mar 2019 17:20
Operator : JU/SJ
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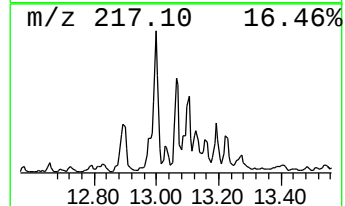
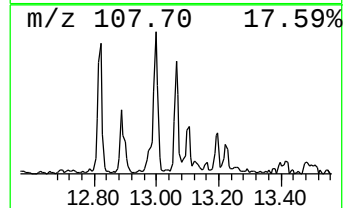
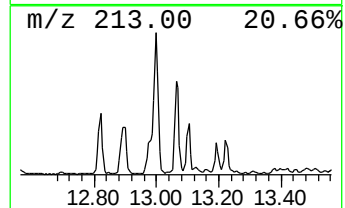
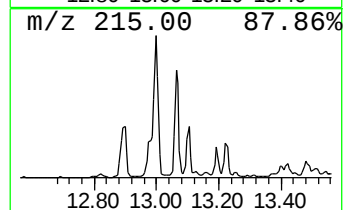
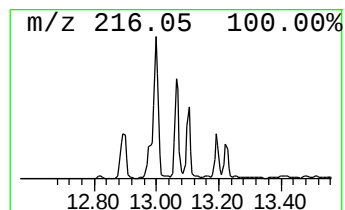
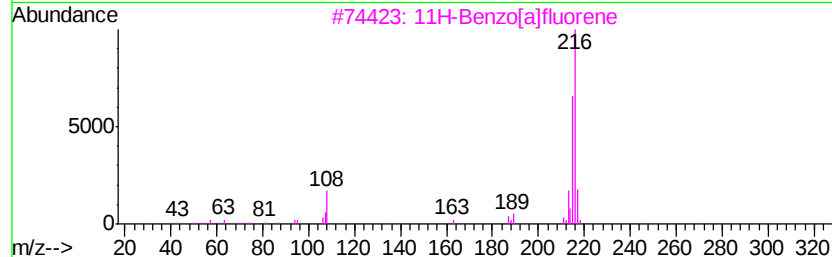
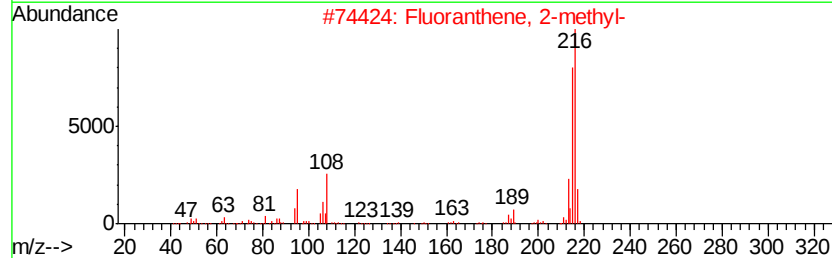
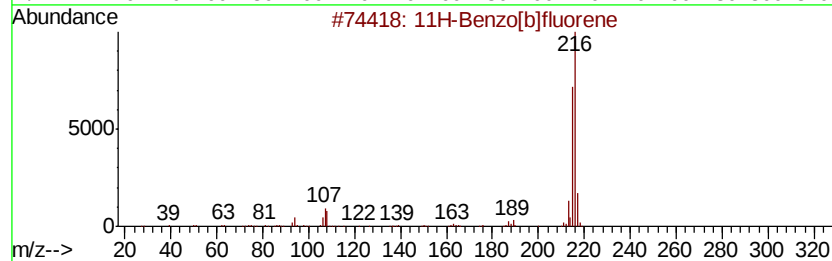
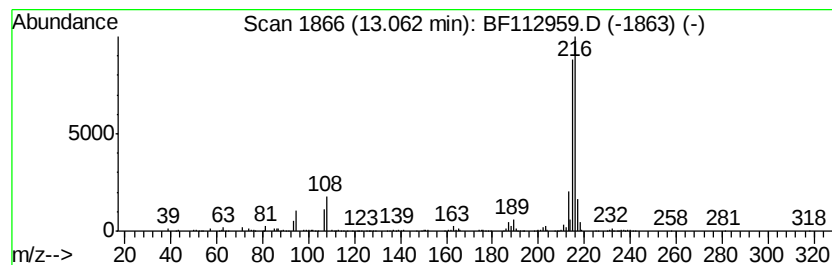
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.27 ng	437873	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112959.D
 Acq On : 11 Mar 2019 17:20
 Operator : JU/SJ
 Sample : K1785-03
 Misc :
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Instrument :
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 ClientSampleId :
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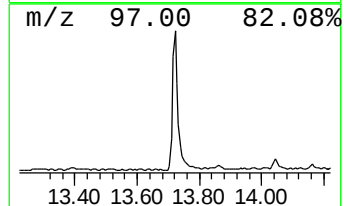
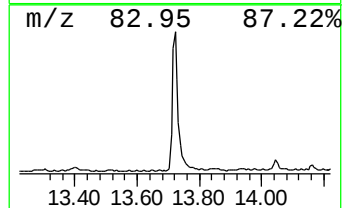
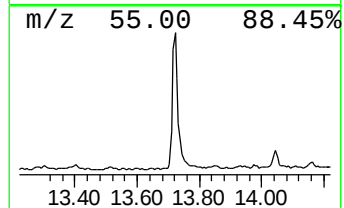
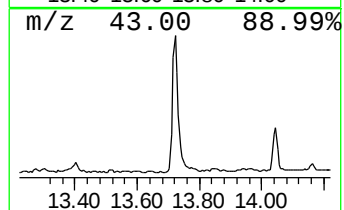
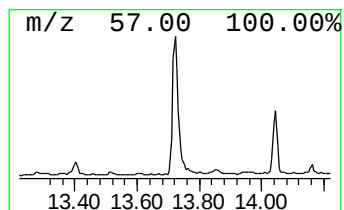
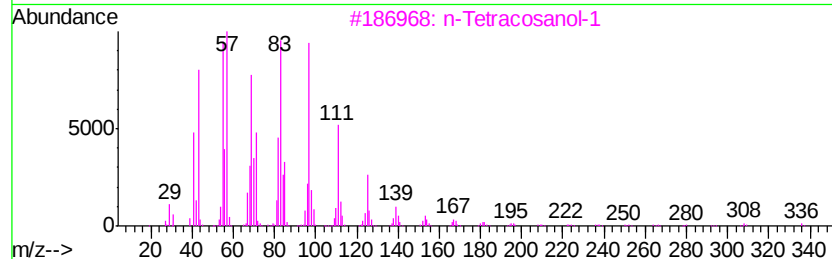
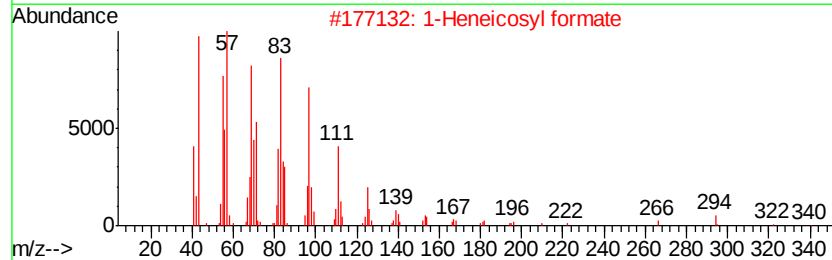
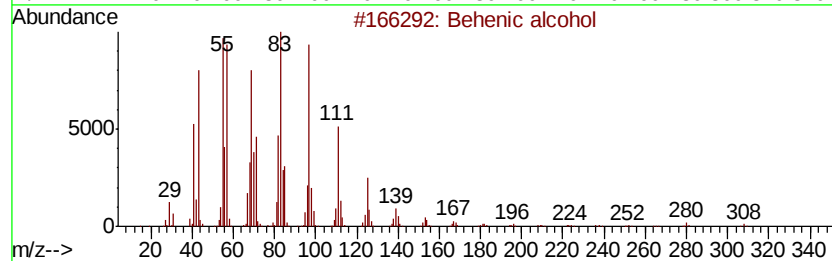
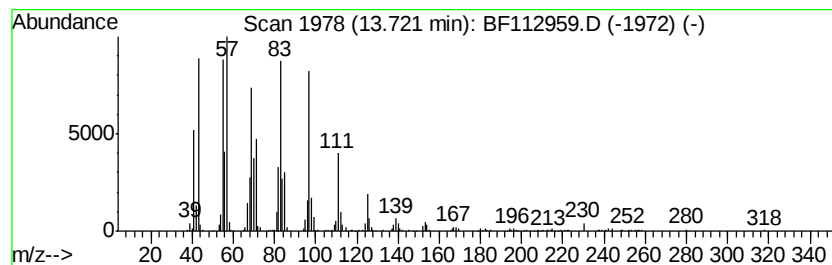
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 12 Behenic alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.37 ng	1036450	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	94
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112959.D
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ClientSampleId :
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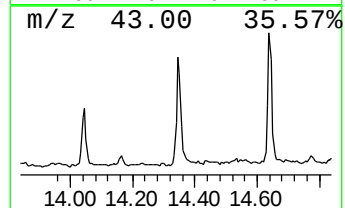
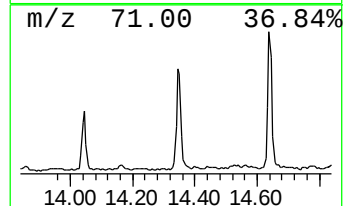
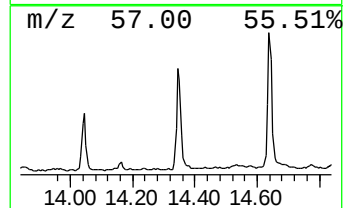
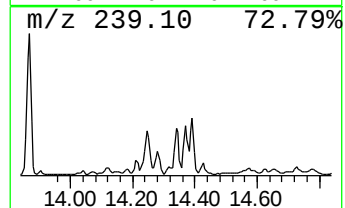
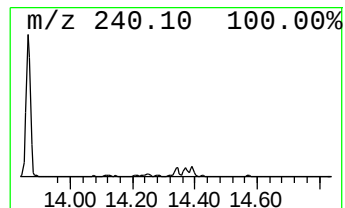
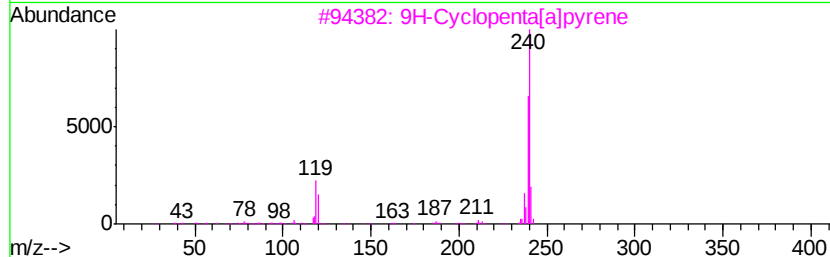
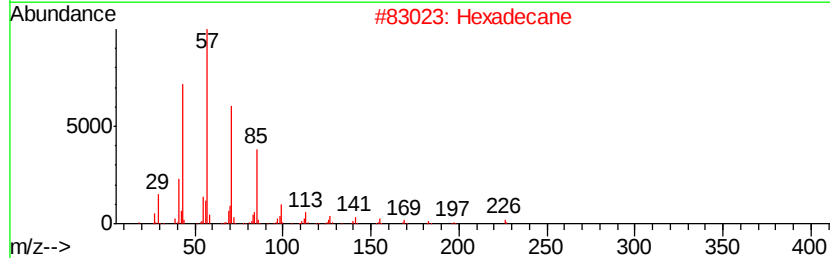
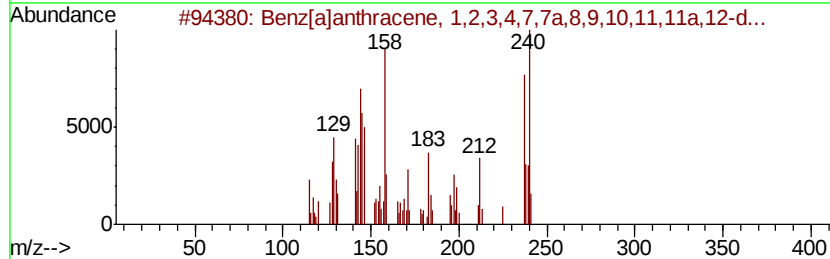
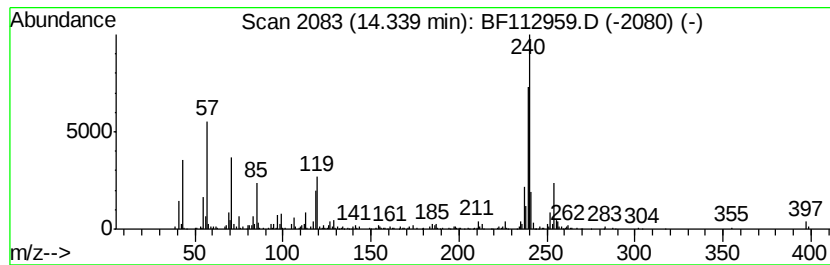
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benz[a]anthracene, 1,2,3,4,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.47 ng	475870	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 1,2,3,4,7,7a,...	240	C18H24	016452-37-2	74
2		Hexadecane	226	C16H34	000544-76-3	52
3		9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	50
4		Octadecane, 3-methyl-	268	C19H40	006561-44-0	46
5		Octadecane	254	C18H38	000593-45-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112959.D
Acq On : 11 Mar 2019 17:20
Operator : JU/SJ
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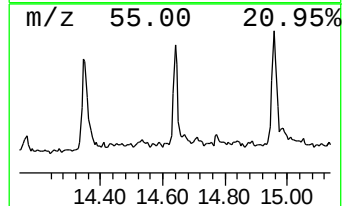
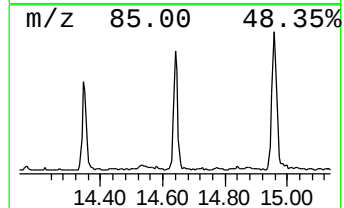
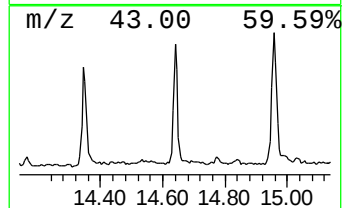
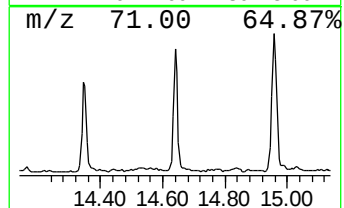
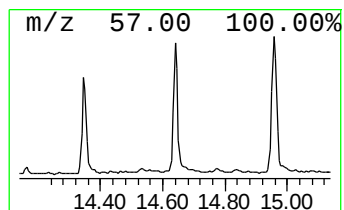
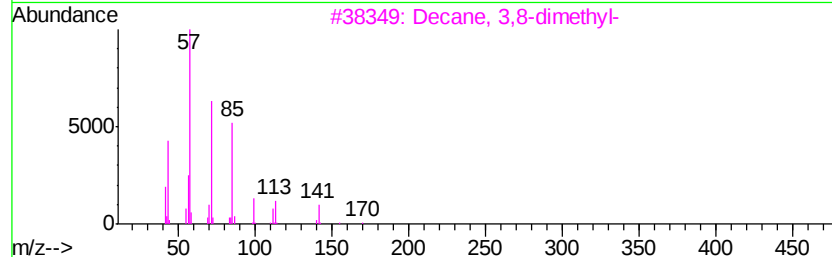
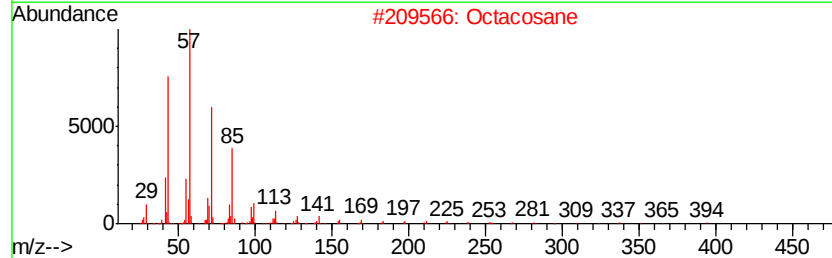
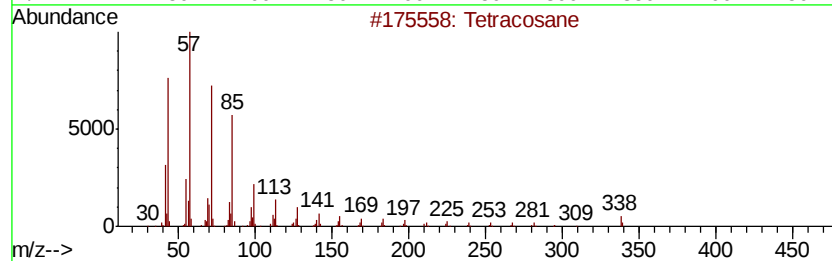
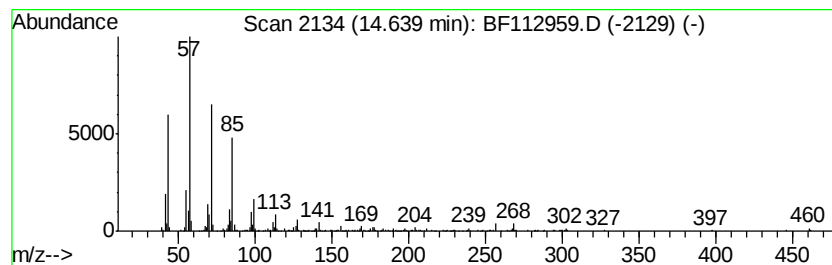
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	6.99 ng	501790	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	80
2		Octacosane	394	C28H58	000630-02-4	76
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	74
4		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	74
5		Heneicosane	296	C21H44	000629-94-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
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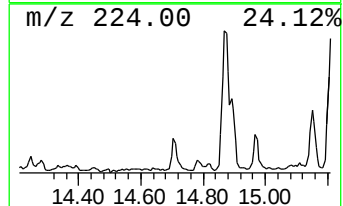
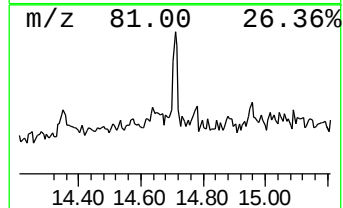
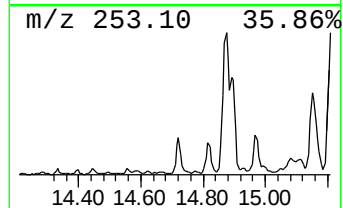
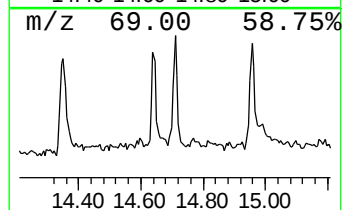
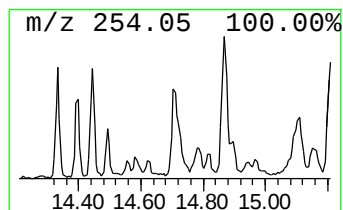
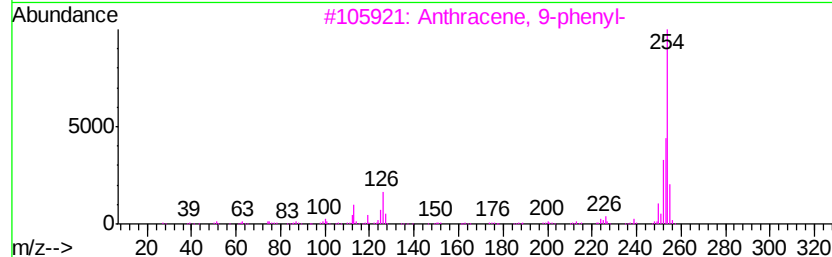
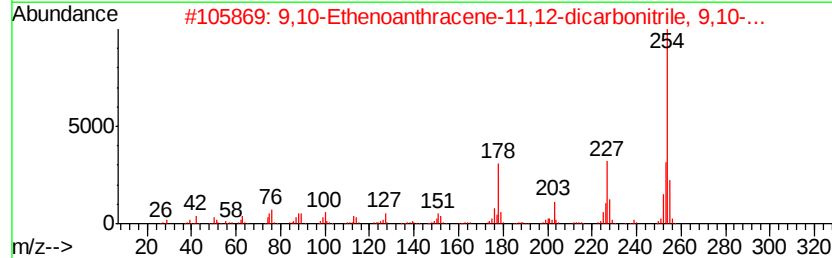
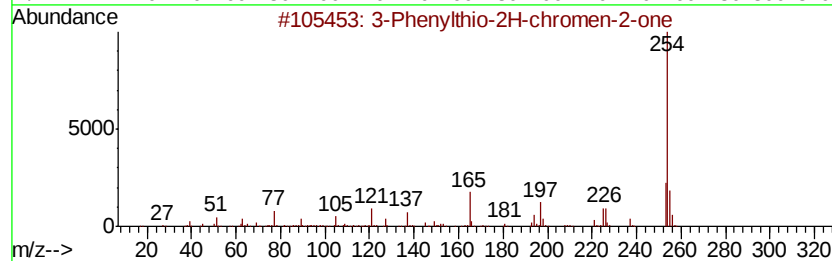
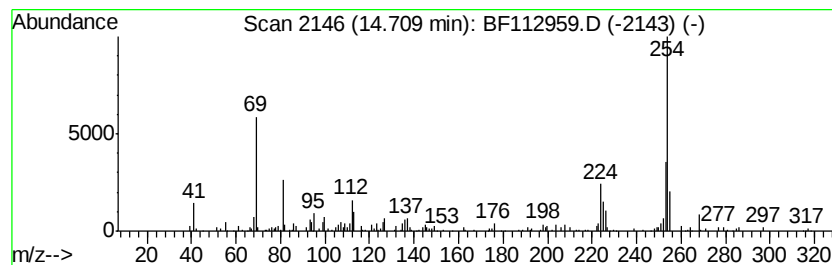
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 3-Phenylthio-2H-chromen-2-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.71	3.45 ng	248142	Perylene-d12	15.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	72
2	9,10-Ethenoanthracene-11,12-dica...	254	C18H10N2	019067-49-3	72
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	62
4	3-Hydroxy-1-methoxyvanthraquinone	254	C15H10O4	028504-24-7	58
5	2,2'-Binaphthalene	254	C20H14	000612-78-2	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112959.D
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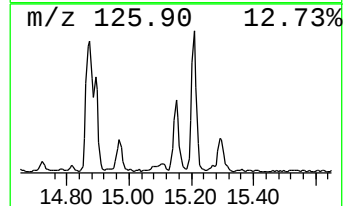
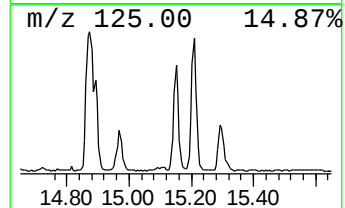
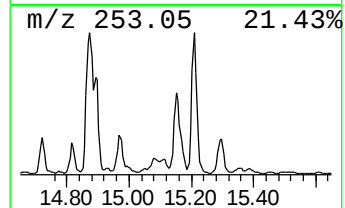
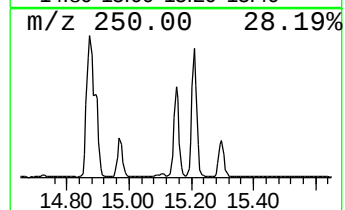
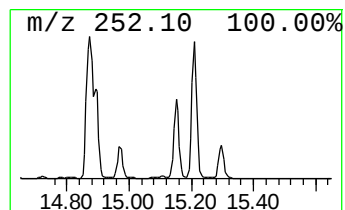
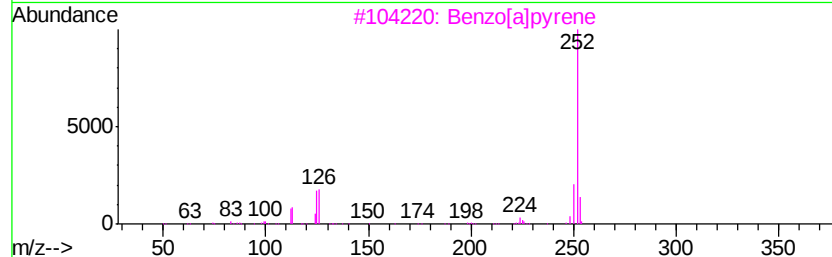
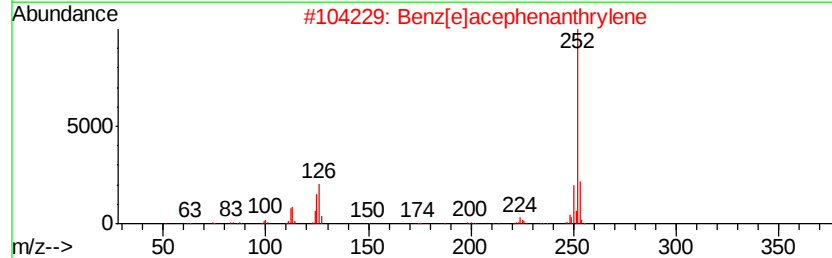
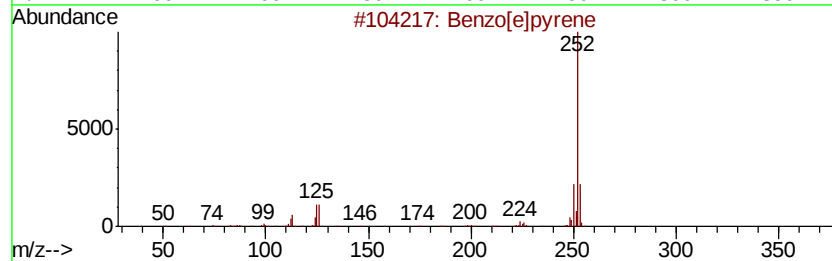
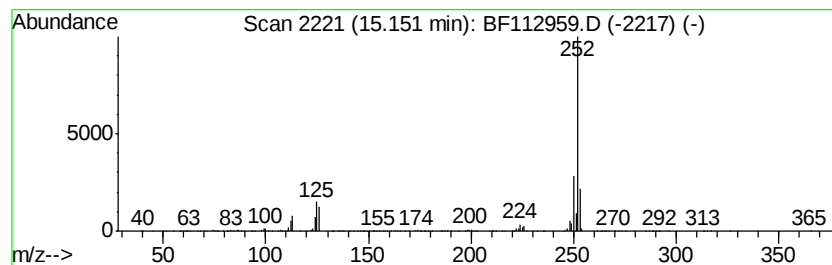
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	11.53 ng	827964	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]bpvrene	252	C20H12	000192-97-2	98
2			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3			Benzo[a]bpvrene	252	C20H12	000050-32-8	93
4			Perylene	252	C20H12	000198-55-0	93
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
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2019-03-05-DUP-SD

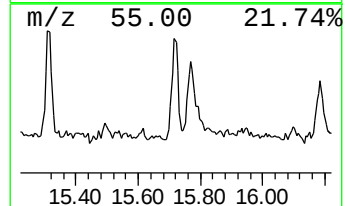
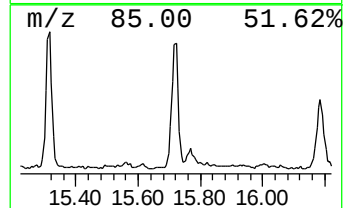
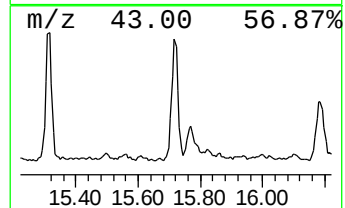
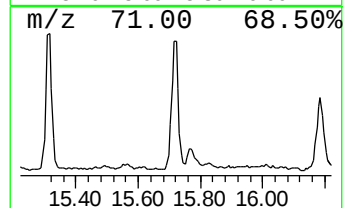
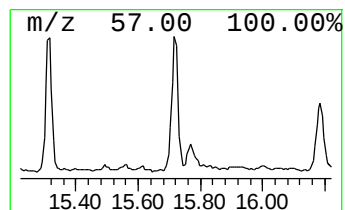
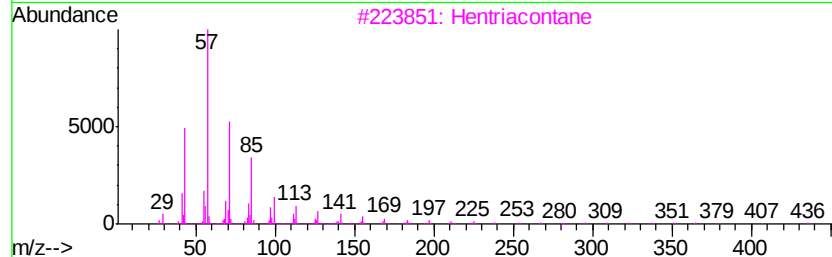
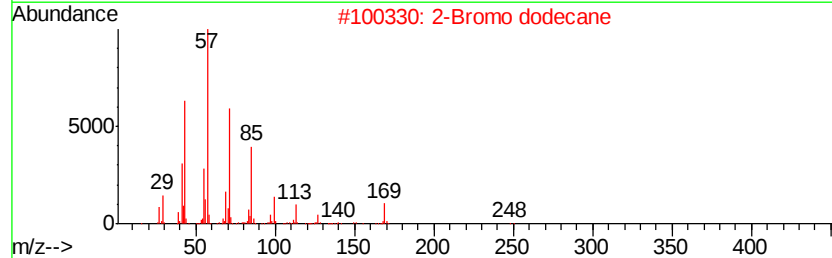
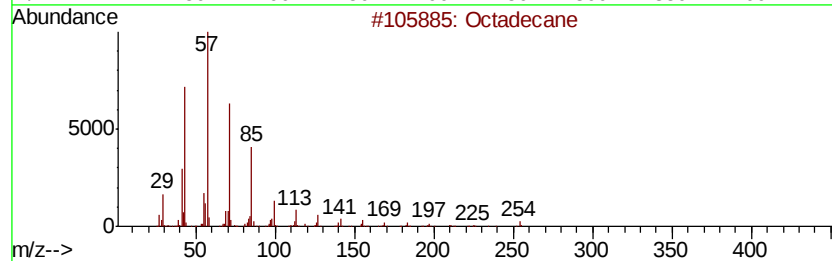
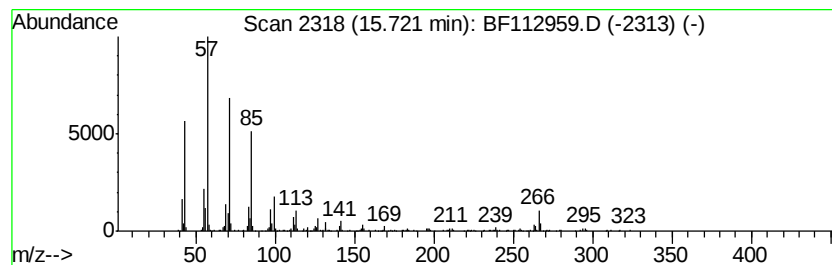
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	5.63 ng	404108	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	91
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3			Hentriacontane	437	C31H64	000630-04-6	83
4			Pentacosane	352	C25H52	000629-99-2	80
5			Heptadecane	240	C17H36	000629-78-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
2019-03-05-DUP-SD

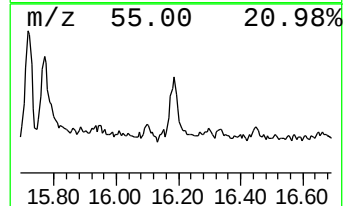
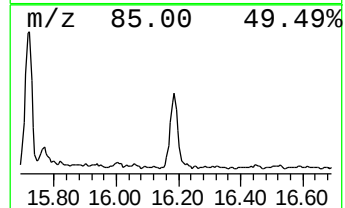
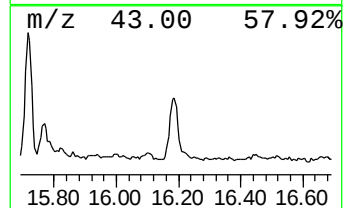
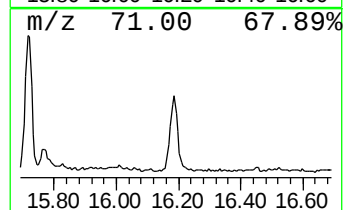
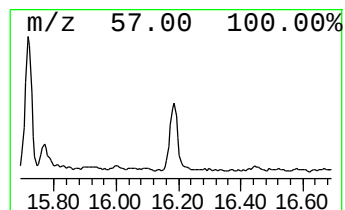
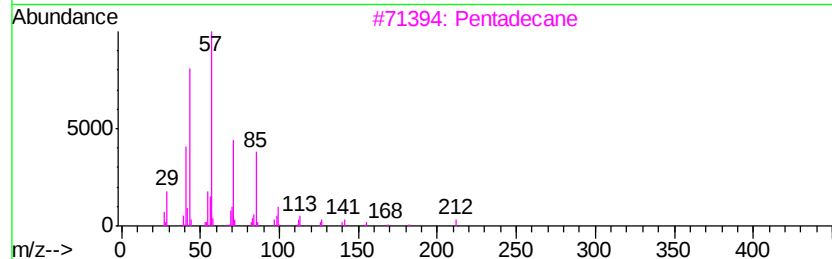
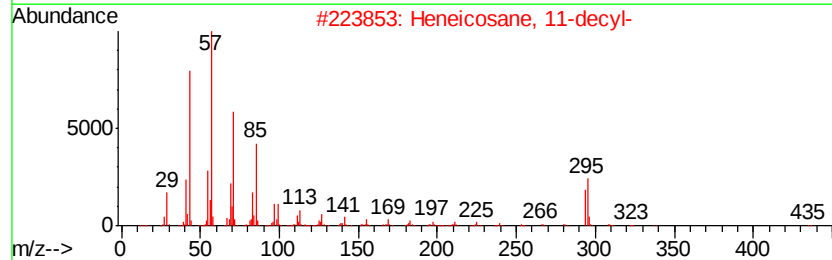
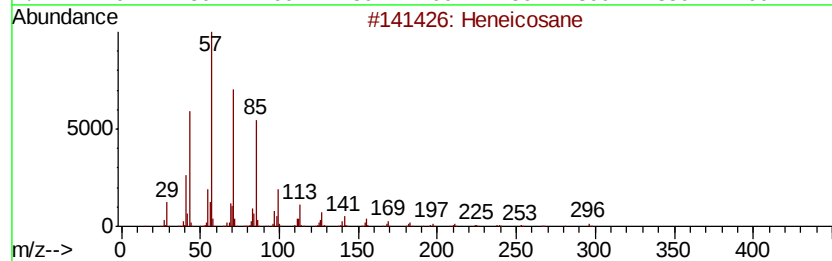
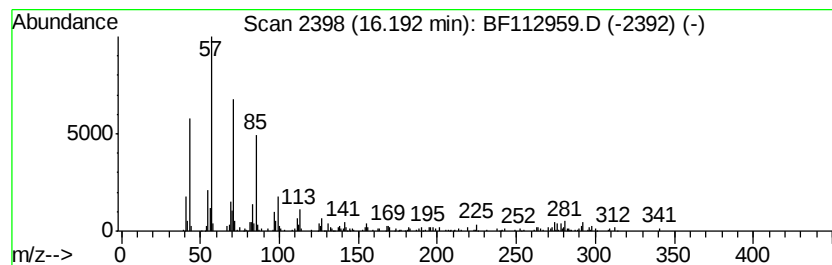
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	3.43 ng	246489	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	93
2			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83
3			Pentadecane	212	C15H32	000629-62-9	83
4			Hexacosane	366	C26H54	000630-01-3	83
5			Tetratetracontane	619	C44H90	007098-22-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112959.D
Acq On : 11 Mar 2019 17:20
Operator : JU/SJ
Sample : K1785-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2019-03-05-DUP-SD

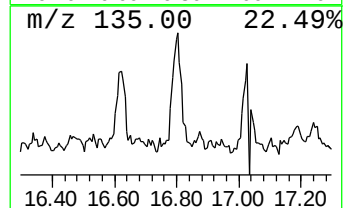
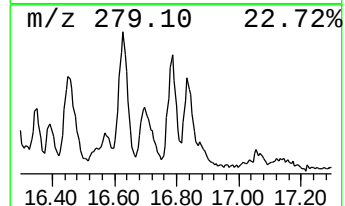
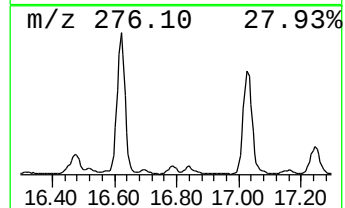
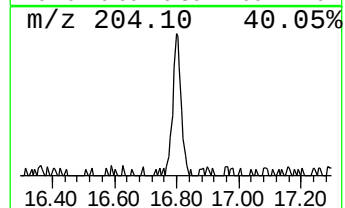
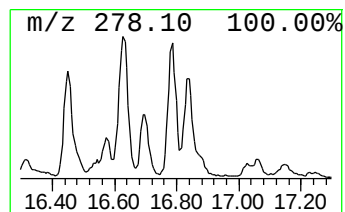
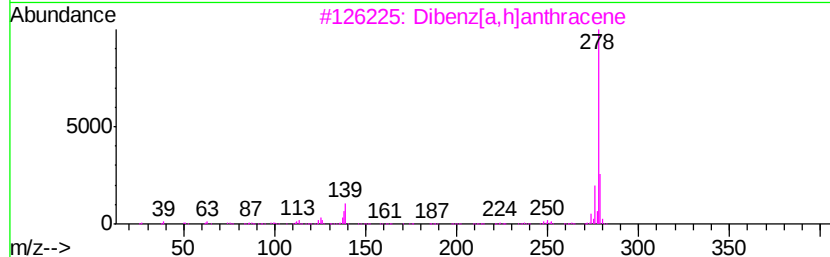
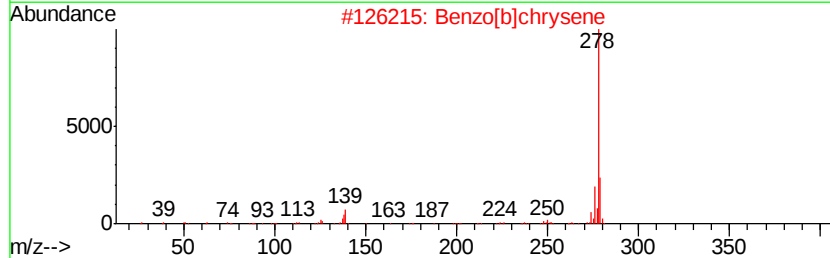
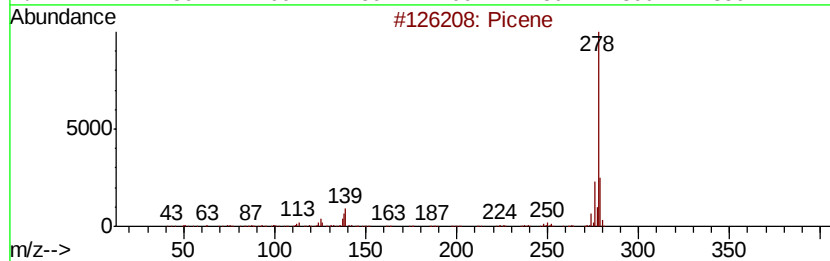
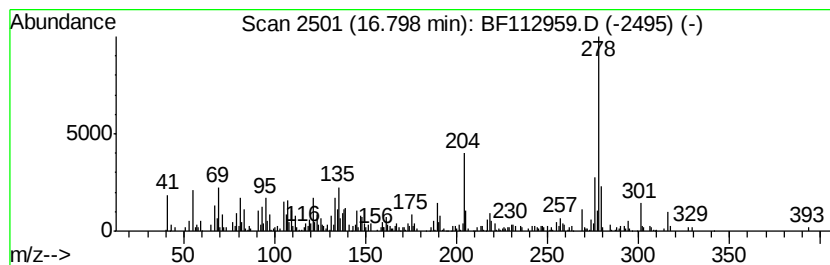
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Picene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	5.32 ng	382147	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Picene	278	C22H14	000213-46-7	95
2		Benzo[b]chrysene	278	C22H14	000214-17-5	90
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89
4		Benzo[b]triphenylene	278	C22H14	000215-58-7	89
5		Pentaphene	278	C22H14	000222-93-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112959.D
 Acq On : 11 Mar 2019 17:20
 Operator : JU/SJ
 Sample : K1785-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2019-03-05-DUP-SD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.50	6.50	85.9	ng	3947770	1	6.73	919502	20.0
Anthracene, 2-met...	11.74	3.5	ng	314015	4	11.24	1801780	20.0
n-Hexadecanoic acid	11.78	17.8	ng	1607320	4	11.24	1801780	20.0
Anthracene, 1-met...	11.81	2.3	ng	204398	4	11.24	1801780	20.0
4H-Cyclopenta[def...	11.85	6.5	ng	584859	4	11.24	1801780	20.0
Phenanthrene, 2,5...	12.29	2.3	ng	210468	4	11.24	1801780	20.0
Cyclopenta(def)ph...	12.37	2.3	ng	206599	4	11.24	1801780	20.0
Octadecanoic acid	12.56	2.6	ng	505466	5	13.86	3859270	20.0
11H-Benzo[a]fluorene	13.00	3.0	ng	576944	5	13.86	3859270	20.0
11H-Benzo[b]fluorene	13.06	2.3	ng	437873	5	13.86	3859270	20.0
Behenic alcohol	13.72	5.4	ng	1036450	5	13.86	3859270	20.0
Benz[a]anthracene...	14.34	2.5	ng	475870	5	13.86	3859270	20.0
Tetracosane	14.64	7.0	ng	501790	6	15.27	1436530	20.0
3-Phenylthio-2H-c...	14.71	3.5	ng	248142	6	15.27	1436530	20.0
Benzo[e]pyrene	15.15	11.5	ng	827964	6	15.27	1436530	20.0
Octadecane	15.72	5.6	ng	404108	6	15.27	1436530	20.0
Heneicosane	16.19	3.4	ng	246489	6	15.27	1436530	20.0
Picene	16.80	5.3	ng	382147	6	15.27	1436530	20.0